

matures five days later than Essex. Plant height 85cm and 12cm taller than Essex. Resistant to Race 3 and moderately resistant to Race 5 of soybean cyst nematode (*Heterodera glycines*).

The following were developed by Clarence E. Watson, Mississippi Agric. & Forestry Exp. Sta., Mississippi State University, Dept. of Agronomy, Mississippi State, Mississippi 39762, United States; L.R.F. M'Ragwa, Kenya Agric. Res. Inst., Natl. Dryland Farming Res. Ctr. (NDFRC), Katumani, Machakos, Kenya. Received 02/15/1994.

PI 578004. *Panicum miliaceum* L. ssp. *miliaceum*

Cultivar. "KAT/PRO-1"; N40101. CV-166. Pedigree - Selected from introduction N40101 from the USSR via Nepal and ICRISAT. Self-pollinated. Flowers in approx. 40-50 d. Matures in 65-80 d. Height 80cm. Panicles open. Seed color cream. Mean grain yield 1400kg/ha at 12 environments in Kenya, which was 50% greater than local cultivars.

PI 578005. *Pennisetum glaucum* (L.) R. Br.

Cultivar. "KAT/PM-1"; KNP28. CV-6. Pedigree - Developed from Serere composite constituted from 68 bristled lines. Open-pollinated. Height approx. 180-190cm. Flowers in 48-59 d. Matures 80-100 d and 80% of earheads are bristled. Earheads compact, cylindrical in shape, 14-26cm in length, and bristles 0-3cm in length. Seed gray. 1000 seed weight 16g. Grain yield potential 2860kg/ha and mean yield 1900kg/ha at 18 environments in Kenya. Crude protein, ash, and fiber 16%, 1.35%, and 6.4% on dry grain weight basis, respectively. May be grown between 50 to 1500m altitude in Kenya.

PI 578006. *Eleusine coracana* (L.) Gaertner

Cultivar. "KAT/FM-1"; Ekalakala. CV-167. Pedigree - Approximately 191 single plant selections made from local collection Ekalakala and subjected to 5 cycles of mass selection. Self-pollinated. Height 60cm. Flowers 75 d. Matures 90-115 d. Tillers 3-4 erect. Panicles 4-9 fingers which are 6-10cm in length. Ears straw color when mature. Seed color brown. Mean grain yield 1400kg/ha, which was 45% greater than mean of local cultivars. May be grown between 50 to 2000m altitude, and especially in semi-arid areas of Kenya.

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PI 578007. *Cajanus cajan* (L.) Millsp.

Cultivar. "ICPL 87119"; Asha. CV-115. Pedigree - Bulk pedigree from C 11/ICP 1-6-W3X-W1X no. ICPX 78143-WB-WB-WB-WB-W27-B. Morphologically semi-spreading with indeterminate growth habit. Plant height ranges from 1.4 to 2.3m. Stem color green. Leaves lanceolate. Flowers yellow with red veins in back of vexillum. Pods green with maroon streaks. Time to 50% flowering ranges from 110 to 124 days and maturity from 141 to 202 days. Seeds large (10.2 to 11.2g/100 seeds) brown colored. Mean protein content of 21.2%. Resistant to wilt and sterility mosaic diseases.